detects that the front door has been opened, an event notification or alarm trigger may be

transmitted by monitoring module 28 to database server 48. Database server 48 may have

been previously programmed to transmit a notification event to the user's pager, for example,

via cellular transmitter 44. As the contact sensor is tripped, camera 34 may take a picture of

the front door and may transmit that picture, via monitoring module 28 and communications

network 16, to database server 48. The user, having been notified via pager [42] 43, may

now access the picture using web server 46 of remote site 14 via Internet browser 26. In this

way, the user may determine who has entered the front door of his or her home.

AMENDMENTS TO THE CLAIMS:

The following listing of claims will replace all prior versions and listings of claims in

the captioned Application:

Listing Of Claims:

Claim 1   (currently amended):   A method for adaptively setting a data refresh

interval comprising:

        providing a data source;

        providing a data using means for utilizing data from the data source, the data

using means having an initial refresh interval;

        providing a communication link between the data source and the data using

means;

monitoring at least one criteria related to the refresh interval;

generating an updated data refresh interval based at least in part on the monitored criteria; [and]

transferring the updated refresh interval to the data using means; and

changing the initial data refresh interval of the data using means to the updated data refresh interval.

Claim 2   (currently amended)   The method [for adaptively setting a data refresh interval according to] set forth in claim 1, wherein the communication link comprises a network.

Claim 3   (currently amended)   The method [for adaptively setting a data refresh interval according to] set forth in claim 2, wherein the network is a global computer network.

Claim 4   (currently amended)   The method [for adaptively setting a data refresh interval according to] set forth in claim 1, wherein the data using means is a web browser.

Claim 5   (currently amended)   The method [for adaptively setting a data refresh interval according to] set forth in claim 1, further comprising a database for storing

the data received from the data source.

Claim 6 (currently amended) The method [for adaptively setting a data refresh interval according to] set forth in claim 5, further comprising providing a means for generating at least one display page based at least in part on the data stored in the database and which is viewable on the data using means.

Claim 7 (currently amended) The method [for adaptively setting a data refresh interval according to] set forth in claim 1, further comprising providing a means for generating at least one display page based at least in part on the data from the data source and which is viewable on the data using entity.

Claim 8 (currently amended) The method [for adaptively setting a data refresh interval according to] set forth in claim 1, wherein the at least one criteria is selected from the group comprising the likelihood that the data using entity will receive a large amount of data, the available bandwidth of the communication network, the closeness of the client to the part of the web site containing a source of data, the ability of the server to process data, client usage patterns, database usage patterns, and the nature of the data.

Claim 9 (currently amended) The method [for adaptively setting a data refresh interval according to] set forth in claim 1, wherein the monitored criteria is used in an adaptive algorithm to determine the updated refresh interval.

Claim 10   (currently amended)   The method [for adaptively setting a data refresh interval according to] set forth in claim 1, wherein the updated refresh interval is transmitted to the data using means.

Claim 11   (currently amended)   The method [for adaptively setting a data refresh interval according to] set forth in claim 1, wherein the data using means uses the updated refresh interval to determine when to refresh the data using means.

Claim 12   (currently amended)   The method [for adaptively setting a data refresh interval according to] set forth in claim 1, wherein the data using means requests data from the data source.

Claim 13   (currently amended)   The method [for adaptively setting a data refresh interval according to] set forth in claim 1, further comprising providing a data server in communication with the data source and data using means, wherein the data server generates and transmits the updated refresh interval in response to the request for data by the data using means.

Claim 14   (currently amended)   The method [for adaptively setting a data refresh interval according to] set forth in claim 13, wherein a subsequent request for data by the data using means is based at least in part on the updated refresh interval.

Claim 15   (currently amended)   The method [for adaptively setting a data refresh interval according to] set forth in claim 1, wherein the data using means is a visual display, an audible display, or a tactile display.

Claim 16   (currently amended)   The method [for adaptively setting a data refresh interval according to] set forth in claim [8]6, wherein the at least one display page is pushed to the data using means.

Claim 17   (currently amended)   The method [for adaptively setting a data refresh interval according to] set forth in claim [9]7, wherein the at least one display page is pushed to the data using means.

Claim 18   (currently amended)   An adaptively refreshed data using system of a service broker system for interactive monitoring and control of data to and from computers and Internet enabled devices of a client/server safety system over the Internet comprising:

a data source;

a data using means for utilizing data from the data source, the data using means having an initial refresh interval;

a communication link between the data source and the data using means;

a criteria monitor for monitoring at least one criteria related to the refresh interval; and

a processor for generating an updated data refresh interval based at least in part on the monitored criteria; whereby <u>the updated data refresh interval is transferred to the data using means and</u> the data using means is updated based on the data refresh interval.

Claim 19   (currently amended)   The [adaptively refreshed data using] system [according to] <u>set forth in</u> claim 18, wherein the communication link comprises a network.

Claim 20   (currently amended)   The [adaptively refreshed data using] system [according to] <u>set forth in</u> claim 19, wherein the network is a global computer network.

Claim 21 (currently amended)   The [adaptively refreshed data using] system [according to] <u>set forth in</u> claim 18, wherein the data using means is a web browser.

Claim 22   (currently amended)   The [adaptively refreshed data using] system [according to] <u>set forth in</u> claim 18, further comprising a database for storing the data received from the data source.

Claim 23   (currently amended)   The [adaptively refreshed data using] system [according to] <u>set forth in</u> claim 22, further comprising a means for generating at least one display page based at least in part on the data stored in the database and which is viewable on the data using means.

Claim 24   (currently amended)   The [adaptively refreshed data using] system [according to] <u>set forth in</u> claim 18, further comprising a means for generating at least one display page based at least in part on the data from the data source and which is viewable on the data using entity.

Claim 25   (currently amended)   The [adaptively refreshed data using] system [according to] <u>set forth in</u> claim 18, wherein the at least one criteria is selected from [the] <u>a</u> group comprising the likelihood that the data using entity will receive a large amount of data, the available bandwidth of the communications network, the closeness of the client to the part of the web site containing a source of data, the ability of the server to process data, client usage patterns, database usage patterns, and the nature of the data.

Claim 26   (currently amended)   The [adaptively refreshed data using] system [according to] <u>set forth in</u> claim 18, wherein the monitored criteria is used in an adaptive algorithm to determine the updated refresh interval.

Claim 27   (currently amended)   The [adaptively refreshed data using] system [according to] <u>set forth in</u> claim 18, wherein the updated refresh interval is transmitted to the data using means.

Claim 28   (currently amended)   The [adaptively refreshed data using] system [according to] <u>set forth in</u> claim 18, wherein the data using means uses the updated refresh

interval to determine when to refresh the data using means.

Claim 29   (currently amended)   The [adaptively refreshed data using] system [according to] <u>set forth in</u> claim 18, wherein the data using means requests data from the data source.

Claim 30   (currently amended)   The [adaptively refreshed data using] system [according to] <u>set forth in</u> claim 18, further comprising a data server in communication with the data source and data using means, wherein the data server generates and transmits the updated refresh interval in response to the request for data by the data using means.

Claim 31   (currently amended)   The [adaptively refreshed data using] system [according to] <u>set forth in</u> claim 30, wherein a subsequent request for data by the data using means is based at least in part on the updated refresh interval.

Claim 32   (currently amended)   The [adaptively refreshed data using] system [according to] <u>set forth in</u> claim 18, wherein the data using means is a visual display, an audible display, or a tactile display.

Claim 33   (currently amended)   The [adaptively refreshed data using] system [according to] <u>set forth in</u> claim 23, wherein the at least one display page is pushed to the data using means.

Claim 34   (currently amended)   The [adaptively refreshed data using] system [according to] <u>set forth in</u> claim 24, wherein the at least one display page is pushed to the data using means.

Please insert the following <u>new</u> claims after paragraph 1 on page 35:

- - 35. A method for adaptively setting a data refresh interval between a sender computer and a receiver computer of a service broker system for interactive monitoring and control of data to and from computers and Internet enabled devices of a client/server safety system over the Internet comprising:

proviling a data source;

providing a data using means for utilizing data from the data source, the data using means having an initial refresh interval;

providing a communication link between the data source and the data using means;

monitoring at least one criteria related to the refresh interval;

generating an updated data refresh interval based at least in part on the monitored criteria;

changing the initial data refresh interval of the data using means to the updated data refresh interval; and

providing a data server in communication with the data source and data using

means, wherein the data server generates and transmits the updated refresh interval in response to the request for data by the data using means and wherein a subsequent request for data by the data using means is based at least in part on the updated refresh interval.

36.   An adaptively refreshed data using system of a service broker system for interactive monitoring and control of data to and from computers and Internet enabled devices of a client/server safety system over the Internet comprising:

a data source;

a data using means for utilizing data from the data source, the data using means having an initial refresh interval;

a communication link between the data source and the data using means;

a criteria monitor for monitoring at least one criteria related to the refresh interval;

a processor for generating an updated data refresh interval based at least in part on the monitored criteria; whereby the data using means is updated based on the data refresh interval; and

a data server in communication with the data source and data using means, wherein the data server generates and transmits the updated refresh interval in response to the request for data by the data using means, and wherein a subsequent request for data by the data using means is based at least in part on the updated refresh interval. - -